Application/Control Number: 10/789,037

Art Unit: 2856

[0097]
$$m_1 \dot{x}_1 + c_{1x} \dot{x}_1 + k_{1x} x_1 = k_{2x} (x_2 - x_1) + F_d$$

$$(m_2 + m_3) \dot{x}_2 + c_{2x} \dot{x}_2 + k_{2x} x_2 = k_{2x} x_1$$
(2)